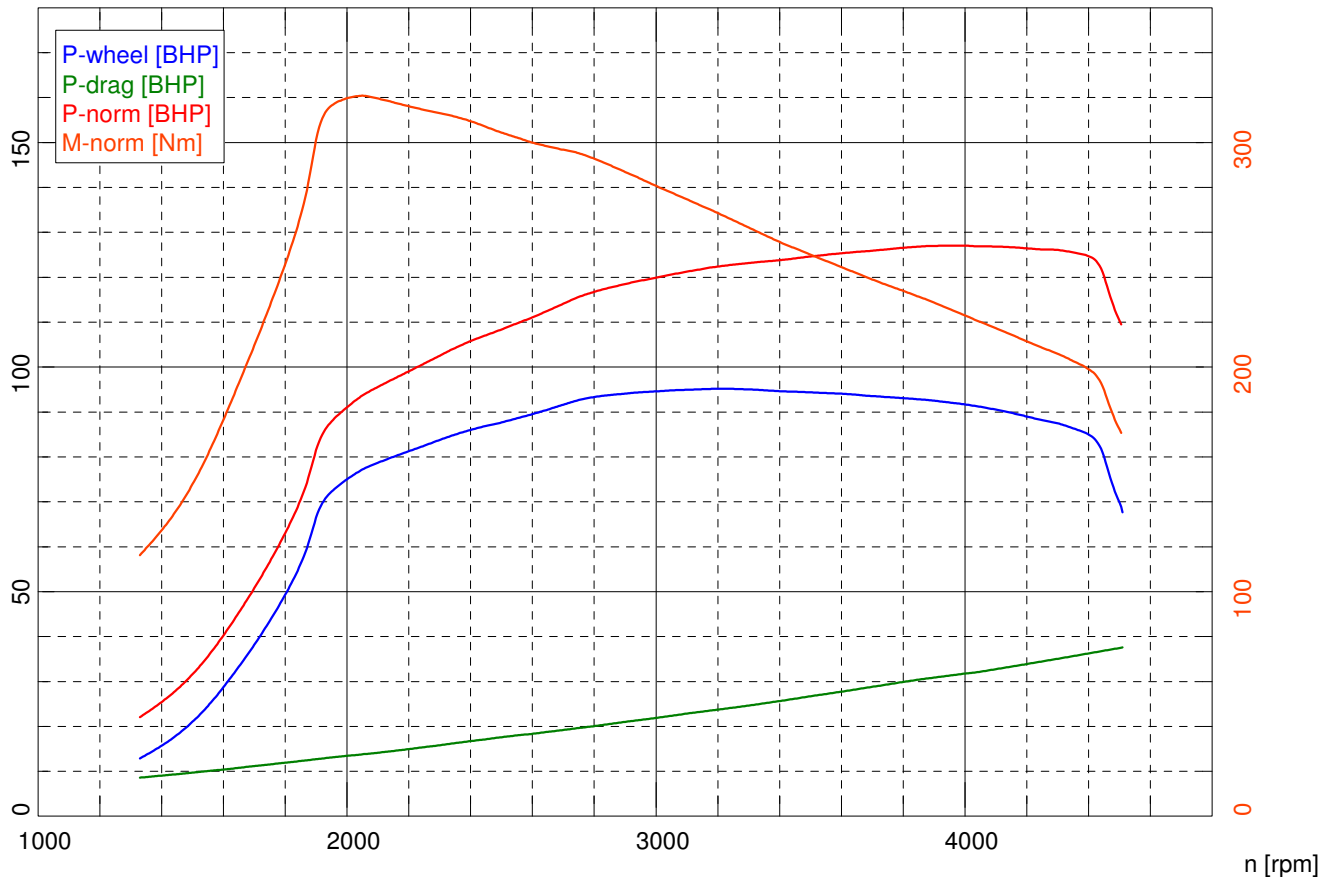


Vehicle type: Seat Leon 1.9TDi
 License plate: BT3763KA
 Inspector: Nikolay Nikolov

Diesel-Motor / Turbo charger (air-cooled)
 Manual transmission

Measurement date: 08.05.2016 (18:17)

Page 1



Power data

Corrected power 1)	P_{Norm}	126.9 BHP / 93.4 kW
Engine power	P_{Eng}	123.3 BHP / 90.7 kW
Wheel power	P_{Wheel}	92.1 BHP / 67.7 kW
Drag power	P_{Drag}	31.2 BHP / 23.0 kW
Max. power at		3950 rpm / 138.5 km/h
Torque 1)	M_{Norm}	320.7 Nm
Max. Torque at		2050 rpm / 72.0 km/h
Max. attained RPM		4510 rpm / 158.4 km/h

1) Correction acc. to DIN 70020
 Correction factors: $Q_v = 0.00\%$

Ambient data

Ambient temperature	$T_{Ambient}$	20.9 °C
Intake air temperature	$T_{Intake\ air}$	30.8 °C
Relative humidity	H_{Air}	61.8 %
Air pressure	p_{Air}	995.8 hPa
Steam pressure	p_{Steam}	15.3 hPa
Oil temperature	T_{Oil}	---- °C
Fuel temperature	T_{Fuel}	---- °C

Slip

Speed no load	$V_{no\ load}$	---- km/h
RPM no load	$n_{no\ load}$	---- rpm
Speed full load	$V_{full\ load}$	---- km/h
RPM full load	$n_{full\ load}$	---- rpm
Slip		---- %

Rotating mass

Average delay run down 1	a_1	---- m/s ²
Average Brake force run down 1	F_1	---- N
Average delay run down 2	a_2	---- m/s ²
Average brake force run down 2	F_2	---- N
Force of the rotating mass	$F_{rot-total}$	---- N
Rotating total mass	$m_{rot-total}$	310.0 kg
Rotating test stand mass	$m_{rot-dyno}$	250.0 kg
Rotating vehicle mass	$m_{rot-vehicle}$	60.0 kg